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============================================================
Sequence Listing was accepted.
See attached Validation Report.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: [year=2008; month=1; day=8; hr=13; min=55; sec=26; ms=870; ]
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Application No: 10584304   Version No: 1.0

Input Set:

Output Set:

Started:	2007-12-17 12:29:07.217
Finished:	2007-12-17 12:29:09.179
Elapsed:	0 hr(s) 0 min(s) 1 sec(s) 962 ms
Total Warnings:	26
Total Errors:	3
No. of SeqIDs Defined:	26
Actual SeqID Count:	26

Error code	Error Description
E 287	Invalid WIPO ST.2 date format; Use (YYYY-MM-DD) in <141>
E 287	Invalid WIPO ST.2 date format; Use (YYYY-MM-DD)in <151>
E 287	Invalid WIPO ST.2 date format; Use (YYYY-MM-DD)in <151>
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)

Input Set:

Output Set:

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Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occured more than 20 times, will not be displayed

<210> 1
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> LRH-1 response element of the human apo A1 gene promoter.

<400> 1
ctgatccttg aac   13

<210> 2
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Mutated LRH-1 response element of the human apo A1 gene promoter.

<400> 2
ctgattgttg aac   13

<210> 3
<211> 65
<212> DNA
<213> Artificial Sequence
<220>
<223> Region B of the human apo A1 gene promoter.

<400> 3
gcagcccccg cagcttgctg tttgcccact ctatttgccc agccccaggg acagagctga 60
tcctt   65

<210> 4
<211> 87
<212> DNA
<213> Artificial Sequence

<220>
<223> Region C of the human apo A1 gene promoter.

<400> 4
gaactcttaa gttccacatt gccaggacca gtgagcagca acagggccgg ggctgggctt 60
atcagcctcc cagcccagac cctggct   87

<210> 5
<211> 349
<212> DNA
<213> Artificial Sequence

<220>
<223> Apo AI promotor - j04066 (Apo AI gene) 1819-2167.

<400> 5
gggagacctg caagcctgca gcactccct cccgccccca ctgaacctt gaccctgcc 60
ctgcagcccc cgcagcttgc tgtttgccca ctctatttgc ccagccccag ggacagagct 120
gatccttgaa ctcttaagtt ccacattgcc aggaccagtg agcagcaaca gggccggggc 180
tgggcttatc agcctcccag cccagaccct ggctgcagac ataaataggc cctgcaagag 240
ctggctgctt agagactgcg agaaggaggt gcgtcctgct gcctgccccg gtcactctgg 300
ctccccagct caaggttcag gccttgcccc aggccgggcc tctgggtac   349

<210> 6
<211> 166
<212> DNA
<213> Artificial Sequence

<220>
<223> Tk promotor - M80483 (pBLCAT5) 38-204; J02224 (Herpes
      simplex) 302-462.

<400> 6
tgccccgccc agcgtcttgt cattggcgaa ttcgaacacg cagatgcagt cggggcggcg 60
cggtccaggt ccacttcgca tattaaggtg acgcgtgtgg cctcgaacac cgagcgaccc 120
tgcagcgacc cgcttaacag cgtcaacacg tgccgcagat cacgag   166

<210> 7
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Sense sequence of hCyp7a wt.

<400> 7
gatctcttag ttcaaggcca gttag   25

<210> 8
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense Sequence of hCyp7a wt.

<400> 8
gatcctaact ggccttgaac taaga   25

<210> 9
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Sense Sequence of hCyp 7 a mut.

<400> 9
gatctcttag ttcaattcca gttag   25

<210> 10
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense Sequence of hCyp 7a mut.

<400> 10
gatcctaact ggaattgaac taaga   25

<210> 11
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Sense sequence of LHRE_ApoA1_h_5.

<400> 11
gatccgcagc ccccgcagct tgctgta   27

<210> 12
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense sequence of LHRE_ApoAI_h_5.

<400> 12
gatctacagc aagctgcggg ggctgcg   27

<210> 13
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Sense sequence of LHRE_ApoA1_h_6.

<400> 13
gatccttgcc cactctattt gcccagcccc aa   32

<210> 14
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense sequence of LHRE_ApoAI_h_6.

<400> 14
gatcttgggg ctgggcaaat agagtgggca ag   32

<210> 15
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Sense sequence of LHRE_ApoAI_h_7.

<400> 15
gatccgggac agagctgatc cttgaacta   29

<210> 16
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense sequence of LHRE_ApoAI_h_7.

<400> 16
gatctagttc aaggatcagc tctgtcccg   29

<210> 17
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Sense sequence of LHRE_ApoAI_h_8.

<400> 17
gatccagctt gctgtttgcc cactctata   29

<210> 18
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense sequence of LHRE_ApoAI_h_8.

<400> 18
gatctataga gtgggcaaac agcaagctg   29

<210> 19
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Sense sequence used for mutagenesis of ABCmutLuc+.

<400> 19
ggacagagct gattgttgaa ctcttaagtt ccacattgcc   40

<210> 20
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense sequence used for mutagenesis of ABCmutLuc+.

<400> 20
cttaagagtt caacaatcag ctctgtccct ggggctgg   38

<210> 21
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Sense sequence of FXRRE_ApoA1_h_1.

<400> 21
cagagctgat ccttgaactc ttaagtt   27

<210> 22
<211> 27

<212> DNA
<213> Artificial Sequence

<220>
<223> Antisense sequence of FXRRE_ApoA1_h_1.

<400> 22
aacttaagag ttcaaggatc agctctg   27

<210> 23
<211> 27
<212> DNA
<213> Artificial sequence

<220>
<223> Sense sequence of FXRRE_ApoA1_h_1_mut.

<400> 23
cagagctgat ccttgaagtg ttaagtt   27

<210> 24
<211> 27
<212> DNA
<213> Artificial sequence

<220>
<223> Antisense sequence of FXRRE_ApoA1_h_1_mut.

<400> 24
 aacttaacac ttcaaggatc agctctg   27

<210> 25
<211> 29
<212> DNA
<213> Artificial sequence

<220>
<223> Sense sequence of LRHRE-ApoA1 mut.

<400> 25
gatccgggac agagctgatt gttgaacta   29

<210> 26
<211> 29
<212> DNA
<213> Artificial sequence

<220>
<223> Antisense sequence of LRHRE-ApoA1 mut.

<400> 26
gatctagttc aacaatcagc tctgtcccg   29